

ADDENDUM #3 TO SPEC. 07-176

Addendum #3 to Spec. 07-176 for SCADA System Replacement, Ashland Water Treatment Plant originally planned to be opened on Friday, June 29, 2007 at 12:00 noon.

Answers to questions derived from the Pre-submission Meeting:

1. The opening date for this Proposal is being extended until **Friday, July 13 2007 at 12:00 noon.**
 - 1.1 This also extends the date to ask questions to seven (7) days before submittal to 12:00 noon Friday July 7, 2007.
2. The design must include the ability to upgrade the current wireless radio system to allow encrypted remote access with firewall protection to allow both view only and remote work ability.
3. LWS along with selected Vendor/Supplier will work together during the transition.
4. Security is of the utmost importance.
5. Historically, the peak pumping season for LWS runs from May 1 to Sept 15.
 - 5.1 Any switch-over during that time must be done with prior approval and coordination with LWS and without taking out the current system.
6. There are currently eight (8) UCMs, each operate a particular section of the plant.
7. Section 14 of the RFP lists the entire count of data points.
8. The switch-over can be either mirrored or phased in as long as the entire system does not crash.
9. LWS is expecting an entirely new system that will be supported for a minimum of seven (7) to nine (9) years.
10. The City is planning on being part of the system configuration.
11. Delete section 4.9 of the RFP as 4.13 better represents the LWS's intent.
12. QA & QC are very important to LWS, the Firms protocols to achieve this need to be addressed/included with the submittal.

13. The intent of this RFP is to have the selected Firm Pre-Qualify/Pre-Select possible Vendors.
 - 13.1 Once Vendors are Pre-Qualified/Pre-Selected, it is the intent to have LWS and the selected Firm visit other water systems that currently use the system/software.
 - 13.2 The Firms costs for this shall be reflected in their costs.
14. LWS staff will be attending ISA Convention in Houston in October, the selected Firm may want to also send a Representative.
15. The bidding documents the chosen Consultant will provide may be best characterized as a "Performance Specification based around Technology".
16. The documentation requirements addressed in section 15.3.4 will have to be created from "scratch" and can submitted in either tabular or an interface format or a combination of both.
17. 13.8 of the RFP should read (76) Wireless Accessed Remote PLCs.
18. Replace the language in 15.1 of the RFP to clarify the intent of LWS with:
 - 15.1 It is the Owners desire to retain I/O equipment from the existing SCADA system contingent on the following conditions:
 - 15.1.1 The retained I/O equipment communications protocol is supported by the new SCADA system, or cost effective modifications can be made to the existing I/O equipment to provide data communication interoperability with the new SCADA system.
 - 15.1.2 The manufacturer of the existing I/O equipment intends to offer continued support and spare parts for the equipment.
19. Below is a list of the existing I/O equipment types and quantities to assist in determining whether equipment is able to be reused with the new system.
 - 19.1 Communications protocol for all units is "Optomux".
 - 19.2 Data communications to all equipment is via RS-485 serial link.
 - 19.3 All units are manufactured by Opto-22.
 - 19.4 Quantity of G4 Analog I/O Boards = 17
 - 19.5 Quantity of G4 Digital I/O Boards = 37
 - 19.6 Quantity of B2 Analog I/O Boards = 40
 - 19.7 Quantity of B1 Digital I/O Boards = 74
20. Section 9 of the RFP describes the submittal procedures.
21. The pricing breakdown for the proposal shall be as follows:
 - 21.1 Lump Sum Cost for Pre-Design and Final design.
 - 21.2 Lump Sum Cost to provide bidding documents, evaluation recommendations and investigations.
 - 21.3 Lump Sum Cost to oversee installation/implementation.
22. Please Read the Instructions to Proposers.

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All other terms and conditions to remain unchanged.

Dated this 19th day of June, 2007

Purchasing Department

Tom Kopplin
Assistant Purchasing Agent

Beingessner	Nick	Televent	200, 10333 Southport Rd S.W.	Calgary,
Hansen	Andrew	Black & Veatch	8400 Ward Parkway	Kansas City
Hartig	Kevin	ESC	212 W. Mulberry	Fort Collins
Holmes	Tim	Black & Veatch	8400 Ward Parkway	Kansas City
Humphrey	Warren	Olsson Associates	1111 Lincoln Mall, Suite 111	Lincoln
Ingracia	Stephen	Olsson Associates	1111 Lincoln Mall, Suite 111	Lincoln
Kaiser	June	Mixon Hill	12980 Metcalf Avenue, Suite 470	Overland Park, KS
Kling	Frank	Telvent	4076 SW Normandy Dr.	Lee's Summit,
Kopplin	Tom	City of Lincoln\Purchasing		
Miriovsky	John	PWU/Water		
Mobley	Michael	Maverick Technologies	1717 Firman Drive, Suite 900	Richardson
Murphy	Ed	Chiang, Patel & Yerby, Inc.	1820 Regal Row, Suite 200	Dallas
Obrist	Jerry	LWS		
Rosso	Marc	HWS	825 J Street, Box 80358	Lincoln
Sutton	Matthew	Schemmer	1044 N. 115th St., Suite 300	Omaha
Townsend	Steve	EMA		
Whitney	Gene	ESC	212 W. Mulberry	Fort Collins
Wimmer	Paul	PWU/Water		

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CO	80521	970.224-9100
MO	64111	913.458.3913
NE	48501-4608	402.540.7988
NE	68501-4608	402.474.6311
	66213	913.239.8400
Missouri USA	64082	816.519.1130
		402.441.7414
		402.441.5932
TX	75081	972.638.6605
TX	75235	214.589.6927
		402.441.7571
NE	68501	402.479.2200
NE	68154	402.493.4800
		651.238.2528
CO	80521	970.224.9100
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